Bureau of Land Management



Amarillo Field Office Helium Operations

Statistical Report for February - 2000





Distribution:

Fluid Minerals Group Manager, Washington Office

New Mexico State Director

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- -Federal Leased Lands
- -Gas Analysis
- -Resources Evaluation
- -Natural Gas Engineering

List of Tables

- Table 1 Summary of Helium Operations
- * Table 2 Helium Sales
- * Table 3 Helium Resources Evaluation
- * Table 4 Federal Acquisition & Storage Operations
- * Table 4.1 Helium Storage Contract Activity

Table 5 - Pipeline & Cliffside Field Operations

Amarillo, Texas

Issued: September 27, 2000

* Revised *

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Approved for distribution: Nelson R. Bullard /s/
Date: 09/27/2000

Table 1 - Summary of Helium Operations

February - 2000

NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**	
0	0	0	0	0	0	0	0	\$	
32,654	460	0	10,639	11,166	3,834	58,753	57,844		\$2,834,356
0	0	0	0	0	0	0	0		\$0
						Month	FYTD	CYTD	Cumulative
						57,459	114,389	57,459	359,977
						385			
	0	0	0 0 0	0 0 0 0	0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

		Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative	
	Helium-Gas	Helium		Low P		Belo	Below 50%		Contained		
Purchased Helium	Mixture	Percent	Helium	Не	elium	He	elium		Helium		
Total purchased										32,176,145	
Purchased helium produced / transferred			57,459					114,389	57,459	2,345,317	
Balance of purchased helium in storage										29,830,828	
Private Plant Activity											
Accepted in storage system	119,726	69.18%	82,822	469	12,117	(64)	(1,433)	404,642	168,256	5,416,797	
Redelivered from storage system	(183,792)	69.06%	(126,927)	0	0	0	1,565	(550,707)	(222,518)	(4,300,911)	
Total apparent crude produced/	248,121	72.25%	179,263					951,833	370,980	NA	
Total apparent crude refined^	(260,479)	71.63%	(186,588)					(912,253)	(354,011)	NA	

			Metered Ga	s		Transfe	erred Gas	Gas Stored Charges Bill			
	Gross Gas	Helium		Helium		He	elium	Helium	Dolla	ırs**	
Storage Contract Activity	Mon	ıth	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
Crude Acquired	119,688	82,758	403,209	168,015	22,797,394	111,017	22,465,808				
Crude Disposed	183,785	126,927	549,142	222,517	16,127,200	53,558	22,105,562				
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0				
Net/Balance	(64,097)	(44,169)	(145,933)	(54,502)	5,242,640	57,459	360,246	4,909,040	\$214,853	\$794,324	

Bush Dome Reservoir Operations	Month		Fiscal Year		Since St Conservation		Since Field Discovery	
Conservation gases from all sources	Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period	48,123,823	34,729,959	48,270,503	34,836,504	490,620	490,620	0	0
Net Activity	(65,195)	(46,845)	(211,875)	(153,390)	47,568,008	34,192,494	48,058,628	34,683,114
Total in underground storage	48,058,628	34,683,114	48,058,628	34,683,114	48,058,628	34,683,114	48,058,628	34,683,114
Native Gas								
Total in place, beg. of period	209,029,424		209,039,114		265,724,755		318,727,000	
Net Activity	(2,397)							
Total in place, end of month	209,027,027							
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	257,153,247		257,309,617		266,215,375		318,727,000	
Net Activity	(67,592)		(223,962)		(9,129,720)		(61,641,345)	
Total gases in place, end of month	257,085,655		257,085,655		257,085,655		257,085,655	

Helium Resources Evaluation			Month		FYTD	
Revenue Collected from Federal Lease Holds			\$337,256		\$1,607,783	
Helium Sample Collection Report	Submitted	11	Received	2	Analyzed	126
Calendar Year End Helium Exports (Mcf)	967,050					
Customer Comment Cards Mailed		-	Month	0	FYTD	17

Table 5 - Pipeline & Cliffside Field Operations All Volumes in Mcf at 14.65 psia & 60°F

February - 2000

	1	2	3	4	5	6	7	8
					Since S	tart of	Since	
	Moi	nth	Fiscal	Year	Conservation	n Program	Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	18,256	12,779	18,919	13,243	0	0		
Measured to pipeline (2)	186,571	129,697	800,601	559,693	100,307,907	71,867,050		
Measured from pipeline (3)	183,792	126,928	793,395	550,712	34,565,657	24,883,550		
Measured into Bush Dome (4)	0	0	2,152	1,512	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	21,035	15,548	23,973	20,712	1,388,666	748,488		
End of period inventory	20,924	14,647	20,924	14,647	20,924	14,647		
Line gain or (loss)	(111)	(901)	(3,048)	(6,065)	(1,367,742)	(733,841)		
Percent gain (loss) of total measured	-0.030%	-0.351%	-0.191%	-0.545%	-0.687%	-0.513%		
Bush Dome Reservoir Operation	ons							
Conservation gases from all sources								
In underground storage, beg. of period	48,123,823	34,729,959	48,270,503	34,836,504	490,620	490,620	0	0
Injected during period to date	0	0	2,152	1,512	64,353,855	46,234,973	64,961,755	46,842,873
Withdrawn during period to date	65,195	46,845	214,027	154,902	16,831,996	12,088,628	16,949,276	12,205,908
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	48,058,628	34,683,114	48,058,628	34,683,114	48,058,628	34,683,114	48,058,628	34,683,114
Native Gas								
Total in place, beg. of period	209,029,424		209,039,114		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,978,424		199,988,114		256,673,755		309,676,000	
Production during period to date	2,397		12,087		56,697,728		109,699,973	
Total in place, end of month	209,027,027		209,027,027		209,027,027		209,027,027	
Recoverable in place, end of month	199,976,027		199,976,027		199,976,027		199,976,027	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	257,153,247		257,309,617		266,215,375		318,727,000	
Total gases in place, end of month	257,085,655		257,085,655		257,085,655		257,085,655	
Change during period	(67,592)		(223,962)		(9,129,720)		(61,641,345)	
Ave. reservoir pressure, beg. of period	675.3	Г	675.8		685.0	Г	814.1	
Ave. reservoir pressure, beg. or period	075.5	L	073.0		000.0	L	014.1	
Tuck Trigg Reservoir Operation	ons							
Native Gas								
Total in place, beg. of period	5,231,875		5,233,991				5,890,000	
Recoverable in place, beg. of period	4,561,875		4,563,991				5,220,000	
Production during period to date	451		2,567				658,576	
Total in place, end of month	5,231,424		5,231,424				5,231,424	
Recoverable in place, end of month	4,561,424		4,561,424				4,561,424	
Ave. reservoir pressure, beg. of period	486.8	ſ	487.0			ſ	548.0	
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